



**PATENT**  
5589-00807/P388-3CC

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Shafer et al.

Serial No. 10/005,732

Filed: November 6, 2001

For: BROAD SPECTRUM ULTRAVIOLET  
INSPECTION SYSTEMS EMPLOYING  
CATADIOPTRIC IMAGING

Group Art Unit: 2872

Examiner: Nguyen, T.

Atty. Dkt. No. 5589-00807

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C. 20231, on the date indicated below:

February 28, 2003  
Date

Pamela Gerik  
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**AMENDMENT; RESPONSE TO OFFICE ACTION MAILED OCTOBER 31, 2002**

**Box: Non-Fee Amendment**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/ Madam:

This paper is submitted in response to the Office Action mailed October 31, 2002 to further highlight reasons why the application is in condition for allowance. A petition for extension of time is included herewith. Please amend the case as follows:

## IN THE SPECIFICATION

Please replace pg. 1, line 30 - pg. 2, line 27, with the amended paragraph below. A "marked-up" version of each amendment is included in **Attachment A**.

In the above-noted '976 Shafer patent, an optical system is disclosed, which is based on the Schupmann achromatic lens principle producing an achromatic virtual image, and which combines it with a reflective relay to produce a real image. The system, reproduced here as Fig. 7, includes an aberration corrector group of lenses 101 for providing correction of image aberrations and chromatic variation of